S32	293	seed$ with sphere	USPAT	OR	ON	2004/11/18 14:09
S33	81	seed$ same sphere and medical	USPAT	OR	ON	2004/11/18 14:12
S34	154	seed$ same sphere and imag$5	USPAT	OR	ON	2004/11/18 14:12
S35	2834	morphol$6 near3 grow$6	USPAT	OR	ON	2004/11/18 14:21
S36	50050	morphol$6 not morpholine not morpholiniuin not morpholino not morpholinyl	USPAT	OR	ON	2004/11/18 14:20
S37	2700	S36 near3 grow$6	USPAT	OR	ON	2004/11/18 14:21
S39	41	S37 same S19	USPAT	OR	ON	2004/11/18 14:24
S40	3086	(S36 or kernel) same S19	USPAT	OR	ON	2004/11/18 14:38
S41	1071	S40 and imag$5	USPAT	OR	ON	2004/11/18 14:38
S42	685497	grow$6 or segment$6	USPAT	OR	ON	2004/11/18 14:27
S43	698	S41 and S42	USPAT	OR	ON	2004/11/18 14:32
S44	188	S43 and medical	USPAT	OR	ON	2004/11/18 14:32
S46	799	(morphological$5 or kernel) same S19	USPAT	OR	ON	2004/11/18 14:38
S47	270	S46 and imag$5	USPAT	OR	ON	2004/11/18 14:54
S48	492	S46 and S42	USPAT	OR	ON	2004/11/18 15:00
S49	131	S46 and S42 and medical	USPAT	OR	ON	2004/11/18 15:10
S50	361	S48 not S49	USPAT	OR	ON	2004/11/18 16:01
S52	256	(morphological or kernel) near4 (spher$5 or circul$5 or circl$4)	USPAT	OR	ON	2004/11/18 16:03
S53	83	seeding with (square rectangle)	USPAT	OR	ON	2004/11/19 12:42
S54	1	seeding with (square rectangle) same segment$5	USPAT	OR	ON	2004/11/19 12:42
S55	20	seeding with (square rectangle) and segment$5	USPAT	OR	ON	2004/11/19 12:42
S56	8	region near grow$5 with (square rectangle) and segment$5	USPAT	OR	ON	2004/11/19 12:42
S57	3409	((382/128,131,132,164,171;173, 180,199,205) or (128/922)).CCLS.	USPAT	OR	OFF	2005/06/09 08:58
S58	10302	(region near2 grow$3) (seed$3 same·segment$5)	USPAT	OR	ON	2005/06/09 09:00
S59	201	S57 and S58	USPAT	OR	ON	2005/06/09 09:00
S60	73	S59 and (spher$3 circl$3)	USPAT	OR	ON	2005/06/09 09:02
S61	102	S59 and (spher$3 circl$3 circular)	USPAT	OR	ON	2005/06/09 09:03
S62	17	S59 and (spher$3 circl$3 circular) same segment$3	USPAT	OR	ON	2005/06/09 09:35
S63	3	(spher$3) same segment$3 same seed$3	USPAT	OR	ON	2005/06/09 09:36
S64	5	(spher$3) same segment$5 same seed$3	USPAT	OR	ON	2005/06/09 09:36

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	36	seeding same sphere	USPAT	OR	ON	2004/11/19 12:41
S2	5	seed same sphere and segmentation	USPAT	OR	ON	2004/11/18 11:34
S3	5	seed$5 same sphere and segmentation	USPAT	OR	ON	2005/06/09 08:59
S4	8223	spher$5 same segment$6	USPAT	OR	ON	2004/11/18 10:43
S5	78	spher$5 same segment$6 and medical near imag$5	USPAT	OR	ON	2004/11/18 10:56
S6	14	spher$5 same segment$6 and medical near imag$5 and seed$5	USPAT	OR	ON	2004/11/18 10:46
S7	5	(("4710876") or ("4751643") or ("4905148") or ("5553207") or ("6246784")).PN.	USPAT	OR	OFF	2004/11/18 11:05
S8	12570	region near3 grow$6	USPAT	OR	ON	2004/11/18 11:48
S9	51	region near3 grow$6 same spher$5	USPAT	OR	ON	2004/11/18 12:21
S10	710	(382/128).CCLS.	USPAT	OR	OFF	2004/11/18 11:08
S11	0	S10 and segement$5	USPAT	OR	OFF	2004/11/18 11:08
S12	58	seed$5 same sphere and segment$6	USPAT	OR	ON	2004/11/18 11:36
S13	8	seed$5 same sphere and S8	USPAT	OR	ON	2004/11/18 11:36
S14	15830	seed$5 near3 grow$6	USPAT	OR	ON	2004/11/18 11:49
S15	15870	S9 or S14	USPAT	OR	ON	2004/11/18 11:49
S16	27417	S8 or S14	USPAT	OR	ON	2004/11/18 12:21
S17	101	S14 same spher$5	USPAT	OR	ON	2004/11/18 11:53
S18	27266	S16 not S9 not S17	USPAT	OR	ON	2004/11/18 11:53
S19	398883	spher$5 circl$5	USPAT	OR	ON	2004/11/18 11:54
S20	4059	S18 and S19	USPAT	OR	ON	2004/11/18 12:14
S21	729	S18 and S19 and medical	USPAT	OR	ON	2004/11/18 11:54
S22	64	S18 and S19 and medical near3 image	USPAT	OR	ON	2004/11/18 11:54
S23	65	S18 same S19	USPAT	OR	ON	2004/11/18 12:14
S24	5346	volume near3 grow$6	USPAT	OR	ON	2004/11/18 12:23
S26	51	S24 same S19	USPAT	OR	OFF	2004/11/18 12:22
S27	208	kernel near3 grow$6	USPAT	OR	ON	2004/11/18 14:17
S28	43	S27 and S19	USPAT	OR	ON	2004/11/18 13:24
S29	0	megalooikonomou.in.	USPAT	OR	ON	2004/11/18 13:35
S30	3	(("4791567") or ("5204625") or ("6219060")).PN.	USPAT	OR	OFF	2004/11/18 13:42
S31	472	seed$ same sphere	USPAT	OR	ON	2004/11/18 14:09

IEEE Search

(region <near/3> grow* <or> seed* <near/3> grow*) <paragraph> (spher* <or> circul*
<or> circl*)
2

SPIE Search

(region <near/3> grow* <or> seed* <near/3> grow*) <paragraph> (spher* <or> circul*
<or> circl*)
9

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(region w/3 grow? or seed? w/3 grow?) and (spher? or circul? or circl?)

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